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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(B&W No. 004979-00045)

Applicant: Corey
Serial No.: 10/821,621
Filing Date: April 9, 2004
Group: 1626
Conf. No.: 8936
Title: Simple Stereocontrolled Synthesis of Salinosporamide A

CERTIFICATE OF EXPRESS MAIL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Express Mail Receipt No. EV436814100US
Date of Deposit: July 15, 2004

I hereby state that the following:

- ☒ Information Disclosure Statement
- ☒ PTO-1449 Form
- ☒ Non-US Patent Art as Cited
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is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10, on the date indicated above and is addressed to Mail Stop Provisional Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Brigid Laffey

July 15, 2004
Dated

Brigid Marie Laffey
Signature of person mailing above-identified papers



Docket No. 004979-00045

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:	Corey	EXAMINER:	Unknown
SERIAL NO.:	10/821,621	GROUP:	1626
FILED:	09 April 2004	CONF. NO.:	8936
FOR:	Simple Stereocontrolled Synthesis of Salinosporamide A		

VIA EXPRESS MAIL - EV436814100US

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicant herewith submits the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

REMARKS

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed within three (3) months of the **Filing Date** or before the mailing date of the **First Office Action** on the merits.

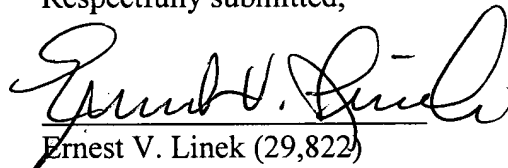
It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of documents that are not U.S. Patents or U.S. Patent Publications are enclosed herewith.

Early examination and allowance of the present application are respectfully solicited.

FEE AUTHORIZATION

Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 19-0733. Any overpayments should be credited to the same Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ernest V. Linek", written over a horizontal line.

Ernest V. Linek (29,822)
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Date: July 15, 2004

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/821,621
Filing Date	09 April 2004
First Named Inventor	Elias J. Corey
Art Unit	1626
Examiner Name	Not Yet Assigned
Attorney Docket Number	004979-00045

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-2003-0157695A1	08/21/03	Fenical et al.	
		US- 6,645,999	11/11/03	Schreiber et al.	
		US- 6,566,553	05/20/03	Soucy et al.	
		US- 6,458,825	10/01/02	Fenteany et al.	
		US- 6,335,358	01/01/02	Fenteany et al.	
		US- 6,294,560	09/25/01	Soucy et al.	
		US- 6,214,862	04/10/01	Fenteany et al.	
		US- 6,147,223	11/14/00	Fenteany et al.	
		US- 6,133,308	10/17/00	Soucy et al.	
		US- 5,869,675	02/09/99	Omura et al.	
		US- 5,756,764	05/26/98	Fenteany et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 96/32105	10/17/1996	Schreiber et al.		

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Sheet 2 of 3

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Application Number	10/821,621
Filing Date	09 April 2004
First Named Inventor	Elias J. Corey
Group Art Unit	1626
Examiner Name	Not Yet Assigned
Attorney Docket Number	004979-00045

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Feeling, R.H.; Buchanan, G.O.; Mincer, T.J.; Kauffman, C.A.; Jensen, P.R.; Fenical, W., Angew. Chem. Int. Ed., Salinosporamide A: A highly Cytotoxic Proteasome Inhibitor from a Novel Microbial Source, a Marine Bacterium of the New Genus Salinospora, 2003, 42, 355-357	
		Corey, E.J.; Li, Wei-Dong., Z. Total Synthesis and Biological Activity of Lactacystin, Omuralide and Analogs, Chem. Pharm. Bull., 1999, 47, 1-10	
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		Wilson, Elizabeth, K., Plumbing the Ocean Depths for Drugs, Chemical & Engineering News, Volume 81, No. 3, pp. 37-38 (2003)	
		Frank, S. A.; Mergott, D. J., Roush, W. R., The Vinylogous Intramolecular Morita - Baylis - Hillman Reaction: Synthesis of Functionalized Cyclopentenones and Cyclohexenones with Trialkylphosphines as Nucleophilic Catalysts, J. Am. Chem. Soc., 2002, 124, 2404-2405	
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Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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Sheet 3 of 3

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Filing Date	09 April 2004
First Named Inventor	Elias J. Corey
Group Art Unit	1626
Examiner Name	Not Yet Assigned
Attorney Docket Number	004979-00045

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Aggarwal, V. K., Emme, I., Fulford, S. Y., Correlation between pK _a and Reactivity of Quinuclidine-Based Catalysts in the Baylis-Hillman Reaction: Discovery of Quinuclidine as Optimum Catalyst Leading to Substantial Enhancement of Scope, J. Org. Chem., 2003, 68, 692-700	
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		Corey, E.J., and Wei-Dong, Z., Total Synthesis and Biological Activity of Lactacystin, Omuralide and Analogs, Chem. Pharm. Bull., 1999, 47, 1-10	

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